

Title (en)  
BRAIDED TIRE MATERIAL

Title (de)  
GEFLOCHTENES REIFENMATERIAL

Title (fr)  
MATÉRIAU DE PNEU TRESSÉ

Publication  
**EP 3406463 A1 20181128 (EN)**

Application  
**EP 18165738 A 20180404**

Priority  
US 201762486261 P 20170417

Abstract (en)  
The various embodiments relate to pneumatic tires including a cap ply of braided strands of yarn. Various embodiments relate to strands of yarn (32) that are fiberglass filaments or steel. The braided strands (32) may include a tight braid or a loose braid. Various embodiments include braids having 1 to 5 stitches per cm.

IPC 8 full level  
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Citation (search report)  
• [XYI] EP 0248164 A2 19871209 - FIRESTONE TIRE & RUBBER CO [US]  
• [XYI] JP 2014084065 A 20140512 - YOKOHAMA RUBBER CO LTD  
• [X] JP H09193610 A 19970729 - YOKOHAMA RUBBER CO LTD  
• [Y] EP 2065226 A1 20090603 - SUMITOMO RUBBER IND [JP]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

DOCDB simple family (publication)  
**US 11021016 B2 20210601**; **US 2018297409 A1 20181018**; EP 3406463 A1 20181128; EP 3406463 B1 20201230

DOCDB simple family (application)  
**US 201815945105 A 20180404**; EP 18165738 A 20180404